

YUZHNEVSKAYA, P.N. with Chernikov

Chair of Pharmacology. Azerbaydzhani Med Inst, Baku

On the Mechanism of allergic reactions

So: Fiziologicheskiy Zhurnal Vol 30, No 1, 1941

YUZBASHOV, R.

14-57-7-14240

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 7,
p 8 (USSR)

AUTHOR: Yuzbashov, R.

TITLE: Azerbaijan Geographical Terminology (Azerbaydzhanskaya
geograficheskaya Terminologiya)- in Azerbaijanian

PERIODICAL: Azerb. Mektebi, 1956, Nr 12, pp 55-60

ABSTRACT: Bibliographic entry
Card 1/1

YUZHASHYAN, I.H.

Mentor effect on the formation of sexual tomato hybrids. Izv. AN Arm.
SSR. Biol. i sel'khoz. nauki 1 no.2:153-170 '48. (MLIA 9:8)

1. Institut genetiki rasteniy Akademii nauk Armyanskoy SSR.
(TOMATOES)

DAVTYAN, G.S.; YUZBASHYAN, I.R.

Variability of branched wheat under the effect of chemical fertilizers.
Dekl. AN Arm.SSR 11 no.3:105-110 '49. (MIRA 9:10)

1. Chlen-kerresponent Akademii nauk Artyanskey SSR (for Davtyan). 2. Labe-
ratoriya agrokhimiil Akademii nauk Artyanskey SSR, Yerevan.
(Wheat) (Fertilizers and Manures)

YUZBASHYAN, I.R.

Effect of different fertilizers on the yield and quality of tomatoes.
Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 6 no.8:35-45 '53. (MLRA 9:8)

1. Laboratoriya agrokhimii AN Arm. SSR.
(Zangibasar region--Tomatoes)
(Fertilizers and masures)

U.S.S.R.

✓ Dolar feeding of tomatoes during the period of fruiting and ripening. Yuzevyan (Lab. Agrochem. Acad. Sci. Armenia, S.S.R.) (West. Acad. Nauk SSSR, Leningrad, 1961, p. 34-35). (Armenian summary, 6-1X1965). Applications of aqueous copper, sprayed 12% allow that no matter what part of the plant is treated the P is translocated. Tomatoes were sprayed at setting blooms and 1 month later with solns. contg. P alone in the form of $Ca(H_2PO_4)_2$ (0.522 g. P_2O_5 /plant, or 0.3 kg./ha.), K alone in the form of KCl (0.16 g. K_2O /plant or 4.0 kg./ha.), or a combination of these, by using 50 ml. H_2O /plant. The results show that individually, or better yet in combination, P and K applied as a spray, increase the yield of the blooming tomatoes.

YUZBASHYAN, K.M.

Homemade device for hanging maps. Geog. v shkole 25 no. 5:69
S-0 '62. (MIR 15:9)

1. 2-ya shkola Leninakana.
(Schools—Furniture, equipment, etc.)

YUZBASILIAN, S. M.

"On Reduction of Some Organs in Caverniculus Atyidae" (p. 309) by Yuzbaskian, S. M.

SO: Journal of General Biology, (Zhurnal Obschevoy Biologii), 1940, Vol. I, No. 2

YUZHNEVAN, S. M.

Paleontology

Discussion of Soviet paleontology. Izv. AN SSSR Ser. biol. No. 1, 1951.

SO: Monthly List of Russian Accessions, Library of Congress, June 1953, Unclassified.

YUZBASH'YAN, S.M.

Ontogenesis and phylogenesis of the bagworm moth *Apteronota crenulella*
Brd. Soob.AN Gruz.SSR 17 no.2:155-162 '56. (IGRA 9:8)

1. Tbilisskiy gosudarstvennyy pedagogicheskiy institut imeni A.S.
Pushkina. Predstavлено доктором наукой членом Академии L.Sh.
Davitashvili.

(Bagworm moths)

Z/011/62/019/001/009/017
E073/E136

AUTHORS: Pauškin, J. M., and Yuzbyak, A. G.

TITLE: Production of vinylcyclohexane and styrene from butadiene

PERIODICAL: Chemie a chemická technologie. Přehled technické a hospodářské literatury, v. 19, no. 1, 1962, 32, abstract Ch 62-450. (Neftekhimiya, v. 1, no. 1, 1961, 60-64)

TEXT: The authors studied the influence of various factors on the yields of butadiene polymerization: the composition of catalysts, the volume, speeds and temperatures. The optimum temperature of formation of vinylcyclohexane is 400 °C. Selective hydrogenation of vinylcyclohexene to vinylcyclohexane on platinum catalysts is at atmospheric temperature. The possibility of conversion of vinylcyclohexene to styrene was proved by means of the mechanism described. 2 figures, 6 tables, 10 references. [Abstractor's note: Complete translation.]

Card 1/1

YUZEF, F.A., aspirant

Mold and yeast-like fungus infections as a cause in failures in
griseofulvin therapy of onychomycoses. Vest. derm. i vod. 38
no. 7:60-61 Jl '64. (MIRA 18:4)

1. Mikologicheskiy otdel (zav. - prof. A.M. Ariyevich) Tsentral'-
nogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta
(dir. - dotsent N.M. Turanov) Ministerstva zdravookhraneniya RSFSR,
Moskva.

NAZARENKO, L.F.; YUZEPIK, M.F. [Uzefik, M.F.]

Nesting of the cormorant *Phalacrocorax pygmaeus* Pall in the Dniester Valley. Pratsi Od. un. Ser. biol. nauk no.8(vol.147): 207-208 '57. (MIRA 12:4)

(Dniester Valley--Cormorants)

KROPACHEV, A., inzhener; YUENPOV, A., inzhener.

Capital construction in machine-tractor stations of the Mari A.S.S.R. Sel'stroy 8 no.6:14 K-D '53. (MIA 6:11)

1. Ministerstvo sel'skogo khozyaystva Mariyskoy ASSR.
(Mari A.S.S.R.--Machine-tractor stations) (Machine-tractor stations--Mari A.S.S.R.)

YUZEOF, V.I.; KUDRYAVTSEV, N.V.

New method for applying insulation to wire of rectangular cross section. Suggestion by V.I. Yusefov and N.V. Kudriavtsev. (KEDIA 9:10)
Prom.energ. 11 no.7:18 J1 '56.

(Electric insulators and insulation)
(Electric wire, Insulated)

Yuzefov, V.I.

137-38-5-9301

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr. 5, p 73 (USSR)

AUTHOR: Yuzefov, V.I. Production of Wire Bars From Oxygen-free Copper (Proizvodstvo vayerbarsov beskislorodnoy medi)

TITLE: PERIODICAL: Byul. Tsentr. in-t inform. M-va tsvetn. metallurgii SSSR, 1957, Nr 2, pp 29-30

ABSTRACT: The shop for casting of copper wire bars at the Yugoslav cable-manufacturing plant at Svetozarovo is equipped with a mechanized installation for continuous casting. A 20-ton induction-type smelting furnace with a rating of 1200 kw is mounted on the upper platform. The alternating current employed has a potential of 500 v; the metal in the furnace is maintained at a temperature of 1160-1180°C. From the furnace the Cu enters a receptacle from which it proceeds through a ceramic, heat-insulated pipe to a funnel 100 mm in diameter with four outlets (6 mm in diameter each); on leaving the funnel the Cu enters a crystallizer unit with a cross section of 102x102 mm. The smelting and casting of the Cu takes place in a reducing atmosphere of producer gas which is introduced under pressure into the

Card 1/2

137-58-5-9301

Production of Wire Bars From Oxygen-free Copper

furnace. The installation described produces high-quality, oxygen-free Cu with a specific gravity of 8.92-8.94.

1. Copper--Production 2. Copper--Casting 3. Copper wire--Production G.S.
4. Furnaces--Equipment

Card 2/2

PHASE I BOOK EXTRABITION 807/5432

Doushov, Ya. Ye., G.I. Kurbash, and I.P. Lyslyuk, eds.

Mekhanizatsiya i avtomatizatsiya: sbornik stat'ey ob orke mekhanizatsii i avtomatizatsii na Khar'kovskikh mashinostroitelej. By Kh. Kurbash, (Mechanization and Automation: Collection of Articles on the Introduction of Mechanization and Automation in Khar'kov Machinery-Manufacturing Plants) [Khar'kov] Khar'kovskoye nauchnoye izdatel'stvo, 1960. 517 p. 5,900 copies printed.

Editorial Board: S.A. Vorob'yev, Candidate of Technical Sciences, Chairman of the Editorial Board; P.I. Zagos, Engineer; A.A. Kabor, Engineer; V.I. Kudrinen, Engineer; A. Ye. Lomov, Doctor, A.I. Tsvetkov, Candidate of Technical Sciences, and S.M. Danilenko, Candidate of Technical Sciences [Sci. Pa. Ye. Doushov, G.I. Kurbash, and I.P. Lyslyuk, Tech. Eds.; M.R. Klimovs.

Purpose: This collection of articles is intended for technical and scientific personnel, outstanding workers, and shop workers of communist labor. Content: The collected experiences of Khar'kov enterprises in the mechanization, automation, and improvement of manufacturing processes is generalized. The development of new machines, instruments, and processes are mentioned as considered and attention is given to newly established enterprises, and to the introduction of telemechanics in the Khar'kov gas-petroleum management. By including concrete examples and facts, the authors of the various articles attempt to demonstrate the achievements of the Khar'kov Industrial Plan in fulfilling the resolutions of the Khrushchev (1959) and Party (1960) Plenums of the Central Committee of the Communist Party of the Soviet Union. No personalities are mentioned. There are no references.

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Mechanization and Automation (Cont.)

Sov/5452

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Mechanization and Automation (Cont.)

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Malits, T.O. [Secretary of the Centralny Rayon Committee of the Communist Party of the Ukraine]. The Party Organization in the Struggle for Technological Progress 363

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Senko, N.P. [Director of the Khar'kovskiy politicheskobol'shodnyi institut Lenin--Lenin -- Dnepropetrovsk Polytechnic Institute (now N.I. Len'kin Professor)]. Strengthening and Broadening Creative Collaboration Between Scientific and Production Workers 387

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Sov/5452

Tunenov, A.G. [Chief of the Administration of the Gas Industry and Processes in Gas Production]. The Introduction of New Technology 371

AVAILABLE: Library of Congress (201604093)

BEZNOGOV, B.I., inzh.; VAN-GAUT, Yu.N., kand. tekhn. nauk; YUZEFOV,
V.I., inzh.

Power cables with plastic coated aluminum strands and 1 kv.
rating. Energo. i elektrotekh. prom. no.4130-34 0-11 163.

(MIRA 17:10)

57/49T104

YUZEFOVA, F. I. PROF

USSR/Medicine - Wounds and Injuries Nov/Dec 48
Medicine - Ophthalmology

"Review of Professor A. S. Savvaitov's Book,
'War Injuries to the Eye and Their Treatment,'"
Prof F. I. Yuzefova, 1st pp

"Vest Oftalmol" Vol XXVII, No 6

Book sums up experiences of the People's
Commissariat of Health in eye diseases and
injuries during World War II. It is a great
addition to domestic literature and a valuable
aid to ophthalmologists.

57/49T104

YUZEOFVA, F. I.

Yuzefova, F. I. and Rav'kovich, F. L. --"Contribution to the pathology of the organ of sight in multiple sclerosis," Oftalmol. zhurnal, 1949, No. 2, p. 88-94

SO: u-5241, 17 December 1953, (Letopis 'zhurnal 'nykh Statey, No. 26, 1949).

PALICS-SZANTO, O. (Budapest); YUZEFOWA, F.I., professor [translator]

**Role of the Botian antigen in eye diseases. O.Palics-Szanto,
Translated from the German by F.I.Yuzefova. Oft.shur. 11 no.1:
29-34 '56.**

(MLRA 9:9)

**(EYE--DISEASES AND DEFECTS)
(ANTIGENS AND ANTIBODIES)**

YUZEFPOVA, E.L., prof.; RAVIKOVICH, F.L., doktor (Kiyev)

So-called arteritis temporalis as a cause of bilateral blindness.
Oft. zhur. 13 no.1:39-43 '58. (MIRA 11:4)
(ARTERIES--DISEASES) (BLINDNESS)

TUZEOFVA, T.I., prof. (g. Kiyev).

Pathogenesis, clinical aspects, and treatment of phacogenic uveitis.
Oft.shur. 13 no.71403-407 '58. (MIRA 12:1)
(NYR--DISEASES AND DISEASES)

YUZEOFVA, F.I., prof.; MOSHKOVICH, R.I., kand.med.nauk (Kiev)

Clinical aspects of adenoviral keratoconjunctivitis. Oft. zhur.
16 no.1:12-16 '61. (MRA 14:3)
(KERATOCONJUNCTIVITIS)

YUZEFOWA, F. I., prof.; SERDYUK, N. D., ordinators

Hypernephroma of the orbit. Oft. zhur. 17 no. 4:231-235 '62.
(MIRA-15:1)

1. Iz glaznogo otdeleniya Kiyevskoy gorodskoy bol'nitsy.

(ORBIT(EYE)-TUMORS)

SAMOYLOV, Aleksandr Yakovlevich, prof.; YUZEFOWA, Fani Iosifowna, prof.; AZAROVA, Nadezhda Sergeyevna, prof.; DYMSHITS, I.A., red.; LEREDEVA, Z.V., tekhn. red.; KHARASH, G.A., tekhn.red.

[Tuberculous diseases of the eye] Tuberkulosnye zabolevaniia glaz. Leningrad, Medgiz, 1963. 255 p. (MIRA 16:7)

1. Chlen-korrespondent AMN SSSR (for Samoylov).
(EYE--TUBERCULOSIS)

YUZEFOWA, F.I., prof., MOSHKOVICH, R.I., kand. med. nauk; KHIRSONSKAYA,
R.I. (kiyev)

Treatment of adenovirus eye diseases with some enzymes. oft.
zhur. 18 no.7 421-426 '63
(MIRA 17/64)

RELYAYEV, L.I.; GEDEONOV, L.I.; SEVEDOV, V.P.; YUZEFOVICH, A.A.

[Intensive radioactive fallout in Simeiz (Crimea) as a result of the nuclear explosion of Feb. 13, 1960 in the Sahara] Inten-
sivnoe radioaktivnoe vypadenie v Simeize (Krym) v rezul'tate iadernogo vzryva v Sakhare 13 fevralia 1960 g. Moskva, Gos. Kom-t Soveta Ministrów SSSR po ispol'zovaniyu atomnoi energii, 1961. 36 p. (MIRA 15:1)

(Simeiz—Radioactive fallout)

POPOV, N.I.; AZHAYA, E.G.; KOSOUROV, G.I.; YUZEFOVICH, A.A.

Strontium-90 in surface waters of the Atlantic Ocean. *Okeanologija*
2 no. 5:845-848 '62. (MIRA 15:11)

1. Morskoy hidrofizicheskiy institut AN SSSR.
(Atlantic Ocean—Strontium)

YUZENOVICH, A.A.; MIRSHANOV, D.N.; DUMAIN, Yu.A.

Flat colored gas layer for visualizing the aerodynamic spectra of a flow past axially symmetrical bodies. Dokl. Akad. Nauk SSSR 108 no.1: 73-74 My '56. (MLRA 9:8)

1. Leningradskiy fiziko-tehnicheskiy institut Akademii nauk SSSR. Predstavлено академиком L.A. Artsimovichem. (Ballistics) (Aerodynamics) (Gas flow)

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9(4)

AUTHORS:

Kireyev, P.S. and Yuzefovich, A.A. SOV/55-58-5-16/34

TITLE:

Some Optical Investigations of a Strong Pulse Gas Discharge in Hydrogen (Nekotoryye optichekiye issledovaniya moshchnogo impul'snogo gazovogo razryada v vodorode).

PERIODICAL:

Vestnik Moskovskogo universiteta, Seriya matematiki, mehaniki, astronomii, fiziki, khimii, 1958, Nr 5, pp 105 - 110 (USSR)

ABSTRACT:

This paper reports on the results of an optical investigation of the plasma of a gas discharge in hydrogen for long duration of impulse (about $500 \mu\text{sec}$). The spectral composition considerably depends on the initial pressure in the gas chamber. With increasing pressure the lines caused by the material of the wall and of the electrodes vanish, and the H - lines become more intensive. The half width of the H_{α} - line for $p \approx 5 \text{ mm Hg}$ is $11.9 \pm 0.1 \text{ \AA}$, for $p \approx 10^{-2} \text{ mm Hg}$ only $3.7 \pm 0.1 \text{ \AA}$. The authors thank L.A. Artsimovich, Academician, for his assistance.

Card 1/2

Some Optical Investigations of a Strong Pulse
Gas Discharge in Hydrogen

SOV/55-58-5-16/34

There are 7 figures, and 4 references, 3 of which are Soviet,
and 1 American.

ASSOCIATION: Kafedra atomnoy fiziki i elektronnykh yavleniy (Chair of
Atomic Physics and Electronic Phenomena)

Card 2/2

KONYUSHENKO, A.T., inzhener; JUZEFOVICH, A.S., inzhener; BASHKIROVA,
Ye.I., inzhener; KARANYCHEV, F.V., Inzhener; DYATLOV, B.F.,
inzhener; KHOROSHEV, Ye.N., inzhener.

Argon-arc welding of high-alloy steel pipes. Stal' 1.6 no.2:
151-155 F '56. (MLRA 9:5)
(Pipe, Steel--Welding)

KLANG, L.M., YUZEOFICH, F.S.

Treatment of pyorrhea alveolaris with antibiotics. Zdravookhranenie
3 no.6:15-16 S-D '60. (MFA 13:12)

1. Iz bol'nitsy Lophsanupravleniya (nachal'nik - kand.mqd.nauk M.G.
Zagarskikh) Ministerstva zdravookhraneniya MSSR.
(DISEASES) (ANTIBIOTICS)

ZAGARSKIKH, M.G.; YUZEOFICH, F.S.

Absorption and excretion of antibiotics by peritoneal tubes. Zdravookhranenie 3 no.6:42-44 N-D '60. (MIRA 13:12)

1. Iz bol'nitay Lechsanupravleniya (nachal'nik - kand.med.nauk M.G. Zagarskikh) Ministerstva zdravookhraneniya MSSR.
(PERITONEUM—TRANSPLANTATION) (ANTIBIOTICS)

YUZENOVICH, G.I. (Leningrad)

Strength of ribbed plates beyond elastic limits. - Sstroj.
mekh.i rasch.soor. 2 no.1:18-22 '60.

(MIRA 13:6)

(Elastic plates and shells)

YUZEOFVICH, G.I. (Leningrad)

Dynamic stability of circular saws. Izv. AN SSSR. Otd. tekhn. nauk
Mekh. i mashinostr. no. 1:46-51 Ja-F '61. (MIRA 14:2)
(Circular saws—Testing)

L 32182-66 EWT(1) SCTB DD

ACC NR: AP6010431

SOURCE CODE: UR/0020/63/167/002/0440/0443

58

AUTHOR: Moshkov, B. S.; Fukshanskiy, L. Ya.; Yuzefovich, G. I.

ORG: Scientific Research Institute of Agrophysics (Agrofizicheskiy nauchno-issledovatel'skiy institut)

TITLE: The construction of a mathematical model of a "biological clock"

SOURCE: AN SSSR. Doklady, v. 167, no. 2, 1966, 440-443

TOPIC TAGS: mathematic model, biology, ~~medicine~~ physiology, plant physiology, analog computer, computer application

ABSTRACT: Diurnal variations in the intensity of physiological processes have been established in all biological organisms having a more complex structure than bacteria. It is customary to assume that these variations ("physiological clocks" or "biological clocks") are developed in the process of evolution by a property which ensures the coordination of the time dependence of the various physiological processes among themselves and with the course of the periodic variations in the environmental conditions. An analysis of the properties of the "clocks" shows that their mechanism could be unified (with some variations) for all groups of living organisms, from plants to man. The present article proposes a mathematical model of a biological clock with analogs in live tissue. The model proposed, termed the first approximation model, has been investigated both analytically and on an electronic analog computer. It is shown that, pro-

UIC 577.3

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ACC NR: AP6010431

vided certain conditions are satisfied, the model simulates all the basic properties of the biological clocks of higher plants. On the basis of the modeling considerations, the authors propose a series of experiments and predict their outcome. It is noted that the principle used may be employed to construct a mathematical model of biological clocks for animals. The proposed constructions may be used for a photoperiodism model. Orig. art. has 5 formulas.
[08]

SUB CODE: 06, 12 / SUBM DATE: 24Nov64 / ORIG REF: 003/ ATD PRESS: 5628

LS

Card 2/2

33533
S/043/62/000/001/003/009
D299/D303

16.3400

AUTHORS: Pittel', B.G., and Yuzefovich, G.I.

TITLE: Constructing dynamic-instability regions for canonical systems with periodic coefficients

PERIODICAL: Leningrad. Universitet. Vestnik. Seriya matematiki, mekhaniki i astronomii, no. 17, 1, 1962, 89 - 101

TEXT: The canonical system of linear differential equations

$$\frac{dx}{d\tau} = JH(\tau, \varepsilon, \gamma)x \quad (0.1)$$

is considered, where x is a $2k$ -dimensional vector and H -- a real symmetrical $2k \times 2k$ matrix-function with period 2π . To equation (0.1) there reduces the equation

$$\frac{d}{d\tau} [M(\tau, \varepsilon, \gamma) \frac{dy}{d\tau}] + C(\tau, \varepsilon, \gamma)y = 0, \quad (0.3)$$

frequently met in practice; C and M are real matrix functions. A

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S/043/62/000/001/003/009

D299/D303

Constructing dynamic-instability ...

point set is considered in the plane of the parameters ϵ and γ , for which system (0.3) has unbounded solutions for $\tau \rightarrow \infty$. The totality of interior points of this set decomposes into regions of "dynamic-instability" which are contiguous to the points $(0, \gamma_0)$, where γ_0 is the critical value of the parameter γ . Formulas are derived for the angular coefficients of the tangents to the boundaries of the instability regions; these formulas are derived for the so-called general case, when the matrices H , M and C are arbitrary functions of the parameter γ . The main result is formulated, for system (0.3), as the theorem: Let γ_0 be the root of equation

$$\omega_j(\gamma) + \omega_h(\gamma) = m, \quad (1.1)$$

where m is a positive integer; the general case is considered, i.e. from $\omega_{j_1}(\gamma_0) + \omega_{h_1}(\gamma_0) = m_1$ follows $j_1 = j$, $h_1 = h$, $m_1 = m$, and al-

so

$$\frac{d}{d\gamma} (\omega_j + \omega_h) \Big|_{\gamma=\gamma_0} \neq 0 \quad (1.2)$$

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D299/D303

Constructing dynamic-instability ...

The numbers χ are defined by the formulas

$$\begin{aligned}\chi_{jj} &= \frac{1}{2\omega_j} ((C_{10}^{(0)} - \omega_j^2 M_{10}^{(0)}) u_j, u_j), \\ \chi_{hh} &= \frac{1}{2\omega_h} ((C_{10}^{(0)} - \omega_h^2 M_{10}^{(0)}) u_h, u_h), \\ \chi_{jh}^{(m)} &= \frac{1}{2\sqrt{\omega_j \omega_h}} ((C_{10}^{(m)} + \omega_j \omega_h M_{10}^{(m)}) u_j, u_h), \\ \chi_{j,h}^{(1,2)} &= \frac{1}{\omega_j (\omega_j + \omega_h)} (\pm 2|\chi_{jh}^{(m)}| - \chi_{jj} - \chi_{hh}),\end{aligned}\tag{1.3}$$

where $C^{(k)}$ and $M^{(k)}$ are the Fourier coefficients of the matrices C and M . Assume $\chi^{(1)} < \chi^{(2)}$. Then the region of dynamical instability

$\gamma_0 + \chi^{(1)} \varepsilon + \dots < \gamma < \gamma_0 + \chi^{(2)} \varepsilon + \dots \varepsilon > 0$ (1.4)
is contiguous to the point $(0, \gamma_0)$. Corollary: The region of instability will be large if, and only if,

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8/043/62/000/001/003/009
D299/D303

Constructing dynamic-instability ...

$$\chi_{jh}^{(m)} = \frac{1}{2\sqrt{\omega_j \omega_h}} ((c_{10}^{(m)} + \omega_j \omega_h M_{10}^{(m)}) u_j, u_h) \neq 0.$$

This criterion simplifies if M is the unit matrix and C_0 -- a diagonal matrix. The formulas for the angular coefficients χ are

$$\chi^{(1,2)} = \frac{1}{d\gamma} (\pm 2/\chi_{jh}^{(m)} / - \chi_{jj} - \chi_{hh}) \quad (1.13) \quad \checkmark$$

where χ_{jj} , χ_{hh} and χ_{jh} are determined by formulas (1.3). Two examples are considered. First, the differential equations for the vertical oscillations of a double mathematical pendulum which has a spring (instead of the lower bar), are considered:

$$\frac{d^2y}{d\tau^2} + C(\tau, \varepsilon, \gamma)y = 0. \quad (2.1)$$

In the first approximation, the region of instability is $\gamma_0 + \chi^{(1)} \varepsilon + \dots < \gamma < \gamma_0 + \chi^{(2)} \varepsilon + \dots$. The second example concerns small

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Constructing dynamic-instability ...

8/043/62/000/001/003/009
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transverse oscillations of circular saws, loaded by periodic shearing stresses. Galerkin's method is applied to the differential equations for the oscillations, yielding an infinite system of linear equations with periodic coefficients. The first-approximation formula for the boundaries of the instability region is

$$\theta_0 + \chi^{(0)} + \dots < \theta < \theta_0 + \chi^{(0)} + \dots$$

where

$$\chi^{(0,2)} = \frac{\theta_0}{2\omega_3^2} [c_3^{(0)} \pm |d_3^{(0)}|] \quad (\chi^{(0)} < \chi^{(0)}), \quad (3.9)$$

θ_0 being the critical frequency of rotation of the disc with saws. The tangents of the angle between the tangents can be computed by the following approximate formula

$$\operatorname{tg} \alpha = \frac{c_3^{(4)}}{\omega_3 \sqrt{4 - p_3}} \quad (3.10)$$

Hence the interesting conclusion that making allowance for inertia forces not only increases the critical frequency, but also the width of the instability region, compared to the case of a non-rotating disc ($p_3 = 0$). There are 2 figures and 6 Soviet-bloc refs.

Card 5/5

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963310012-5

YUZEOFICH, G.I.

Effect of forging on the dynamic stability of circular saw
blades. Nauch.trudy LTA no.94153-63 '62. (MIRA 16:1)
(Circular saws)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963310012-5"

ZHODZISHKII, G.A., kand. tekhn. nauk; YUZENOVICH, G.I., kand. tekhn. nauk

Using computers in the forest and woodworking industries.
Der. prom. 12 no. 12:9-12 D '63. (MIRA 17:3)

1. Lesotekhnicheskaya akademiya im. S.M. Kirova.

YUZEOFICH, G.Ya.

Acute paranoid reactions and clinical aspects of alcoholic disorders. Zhur. nevr. i. psikh. 65 no.3:413-418 '65.
(MIRA 18:4)
1. Kafedra psikiatrii (zaveduyushchiy - prof. I.B. Galant)
Khabarovskogo meditsinskogo instituta.

VLASENKO, V.M.; YUZEOFICH, G.Ye.; RUSOV, M.T.

Hydrogenation of carbon monoxide and dioxide over a nickel catalyst. Kin. i kat. 6 no.5:938-941 S-0 '65.

(MIRA 18:11)

1. Institut fizicheskoy khimii imeni Pisarshevskogo AN UkrSSR.

VLASENKO, V.M.; PISAREV, V.F.; SOBOLEVA, A.S.; KHALAMOV, V.V.;
YUZEOFICH, G.Ye.

Industrial catalytic purification of a nitrogen-hydrogen mixture
by the removal of carbon monoxide and carbon dioxide. Khim.
prom. no.8:583-586 Ag '63. (MIRA 16:12)

VLASENKO, V.M.; RUSOV, M.T.; YUZEOFICH, O.Ye.; Prinimali uchastiye:
ZHULINSKAYA, V.A.; SIKURSKAYA, E.A.

Kinetics of carbon dioxide hydrogenation on a nickel catalyst.

Kin. i kat. 2 no. 4:525-528 Ju. '61

(MIRA 14:10)

(Carbon dioxide) (Hydrogenation) (Nickel, Catalyst)

GOLODETS, G.I.; VLASENKO, V.M.; YUZEOFICH, G.Ye.

Analysis of the experimental entropy of activation of the processes
of hydrogenation of carbon oxides on a nickel catalyst. Dokl. AN
SSSR 164 no.4:839-841 O '65. (MIRA 18:10)

1. Institut fizicheskoy khimii im. L.V. Pisarzhevskogo AN UkrSSR.
Submitted March 2, 1965.

YUZEOFICH, M. I.

Cast-iron mill balls. Lit. proizv. no. 7:30-31. 0 '54. (NIZA 7:12)
(Founding)

YUZEOFICH, N.A.

24

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Thermal inflammation and the boiling point of the given explosive compound. A. F. Bel'ev and N. A. Yuzefovich. Comp. rend. acad. sci. U. R. S. S. R., 188-9 (1940) (in English); cf. C. A. 33, 8092^a. Values for b. p. at 2 mm. (expt.), 60 mm. (expt.) and 760 mm. (most probable value), ignition temp. and latent heat of vaporization (cal./mol.) for several explosives are: MeNO_2 , 5° , 66° , ~ 4000 ; $\text{C}_2\text{H}_4(\text{NO}_2)_2$, 70° , 125° , $197 \pm 8^\circ$, 193 - 200° , 6800 ; Trityl , 190° , 245 - 260° , $300 \sim 10^\circ$, 295 - 300° , 10700 ; Picric acid , 195° , $245 \pm 225 \sim 10^\circ$, 300 - 310° , 6900 ; Trinitrobenzene , 175° , 260° , $815 \sim 10^\circ$, ~ 7600 ; $\text{Nitropentacrylitrile}$, 160° , 180° , $200 \sim 10^\circ$, 215° , 17200 ; Nitroglycerin 125° , 180° , $246 \sim 8^\circ$, 200° , 7100 . The ignition temp. approx. coincides with the b. p. at 760 mm., which indicates that inflammation is preceded by the formation of a large amt. of vapor which ignites when heated. Trityl, nitropentacrylitrile or picric acid neither detonates nor burns *in vacuo*, probably because the b. p. *in vacuo* is not near the ignition temp.

George Ayers

YUZEFOVICH, N. A.
VERESHCHAGIN, L. F. and YUZEFOVICH, N. A.

"Propagation of Ultrasound in Liquids at Pressures up to 2,000 Atmospheres,"

report presented at the 6th Sci. Conference on the Application of Ultrasound in the investigation of Matter, 3-7 Feb 1958, organized by Min. of Education RSFSR and Moscow & Oblast Pedagogic Inst. im. N. K. Krupskaya.

Yuzefovich N. A.

56-2-50/51

AUTHORS:

Vereshchagin, L. F., Yuzefovich, N. A.

TITLE:

The Measurement of Sound Velocity in Liquids at a Pressure of up to 2500 Atm. by Means of the Optical Method
Method (Izmereniye skorosti zvuka v zhidkostyakh pod davleniyem do 2500 atm opticheskim metodom)

PERIODICAL:

Zhurnal Eksperimental'noy i Teoreticheskoy Fiziki, 1958,
Vol. 34, Nr 2, pp. 534 - 536 (USSR)

Card 1/2

56-2-50/51

The Measurement of Sound Velocity in Liquids at a Pressure of up to 2500
Atm. by Means of the Optical Method

-windows were mounted on the vessel. The experiments were carried out at temperatures from 19 to 20°C. The dependence of the sound velocity c on the pressure p for the three liquids investigated is shown in a diagram. These curves are slightly concave to the pressure axis. With carbon tetrachloride the sound velocity could not be measured at pressures above 1200 atm. excess pressure. There are 2 figures, and 5 references, 2 of which are Slavic.

ASSOCIATION: Laboratory for the Physics of Extremely High Pressures
AS USSR (Laboratoriya fiziki sverkhvysokikh davleniy Akademii nauk SSSR)

SUBMITTED: November 11, 1957

AVAILABLE: Library of Congress

1. Pressurized liquids-Sound velocity-Measurement processes

Card 2/2

VERESHCHAGIN, L.F.; YUZENYICH, N.A.; CHELOVSKIY, A.V.

Measurement of ultrasound velocities in some highly compressed
gases. Dokl. AN SSSR. 144 no.6:1272-1274 Je '62. (MIRA 15:6)

1. Institut fiziki vysokikh davleniy Akademii nauk SSSR.
2. Chlen-korrespondent Akademii nauk SSSR (for Vereshchagin).
(Ultrasonic waves—Speed) (Gases, Compressed)

VERESHCHAGIN, L.F., YUZEFOVICH, N.A.

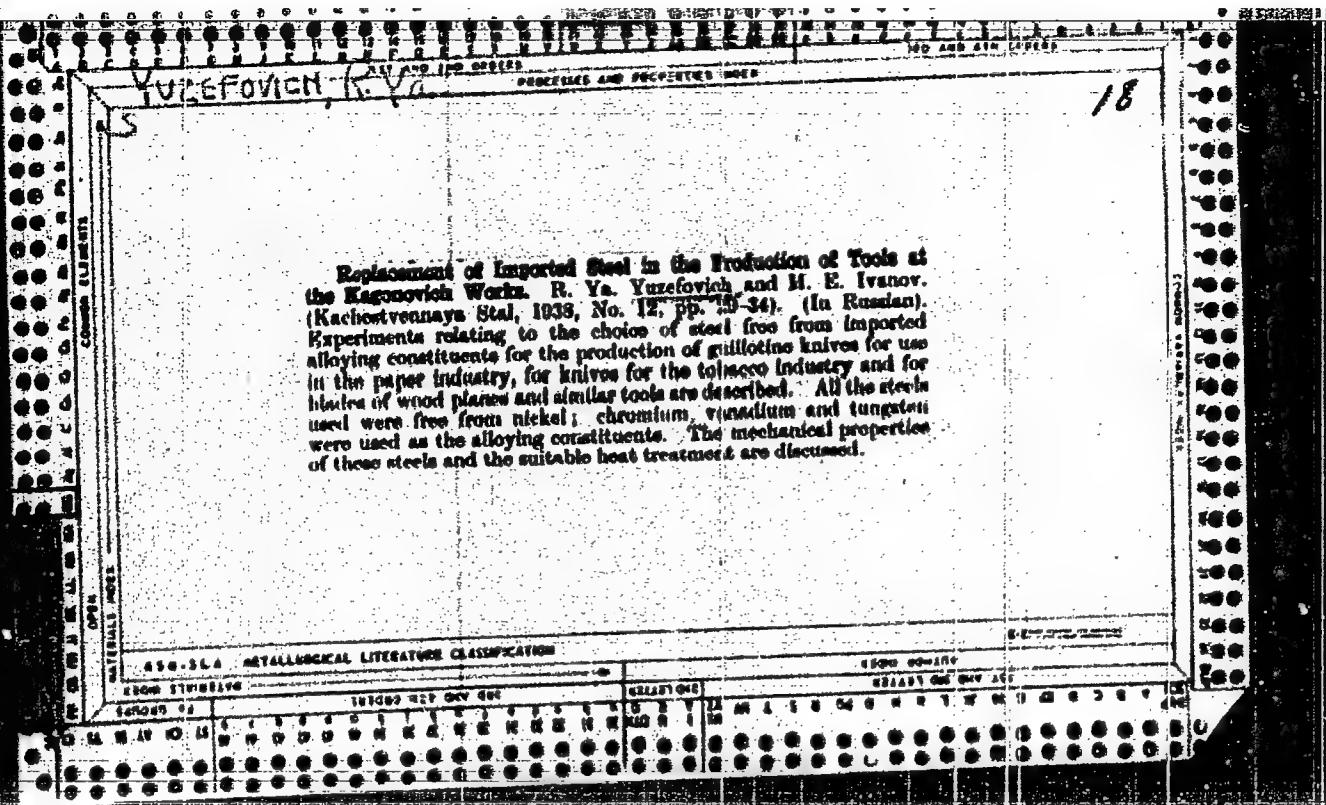
Effect of pressure on the state of isomeric molecules. *Zhur.-fiz.khim.* 36 no.5:969-972 My '62. (MIRA 15:8)

1. Institut fiziki vysokikh davleniy, AN SSSR.
(Alcohols) (Ultrasonic testing)

ARTEM'IEV, I.M.; YUZEOFICH, N.I., insh.-mekhanik

Hauling away of rails along the track area. Put' i put.khoz. 5
no.434 Ap '61. (MIRA 14.7)

1. Nachal'mik otdela puti Bogotol'skogo otdeleniya Krasnoyarskoy
dorogi (for Artem'ev). 2. Stantsiya Bogotol, Krasnoyarskoy dorogi
(for Yuzefovich).
(Railroads—Maintenance and repair) (Cranes, derricks, etc.)



YUZEOFICH, T. S.

YUZEOFICH, T. S. -- "The Problem of Forming Depots of Medical Substances (Use of Lanolin in Oil Depot Preparations)." Sub 21 Apr. 52, All-Union Sci Res Chemicopharmaceutical Inst imeni Sergo Ordzhonikidze (VNIKFI) (Dissertation for the Degree of Candidate in Biological Sciences).

SO: Vechernaya Moskva January-December 1952

YUZEFOVICH, T.S.

Effect of some antibiotics on the liver in experimental toxic hepatitis. Trudy Kishinevskogo med. inst. 11:137-140 '60. (MIRA 16:2)
1. Nafedra biokhimii Kishinevskogo gosudarstvennogo mediteinskogo instituta.
(HEPATITIS, INFECTIOUS) (LIVER) (ANTIBIOTICS)

L 13050-66 EWT(m)/EMP(j) RM

SOURCE CODE: UR/0065/65/000/011/0020/0022

ACC NR: AP6027587

AUTHOR: Yudinson, R. N.; Yuzefovich, V. I.; Bukharitina, N. S.

ORG: VNII NP

TITLE: Drying of liquid propylene with zeolitesSOURCE: Khimiya i tekhnologiya topliv i masel, no. 11, 1965, 20-22TOPIC TAGS: propylene, zeolite, desorption, adsorption

ABSTRACT: Experiments on the drying of liquid propylene were carried out on a laboratory scale with an NaA-3 zeolite as the adsorbent at 20 - 24°C and 10 - 11 atm under dynamic conditions. The stock was an enriched propane-propylene fraction containing 158 ppm of water; the propylene content was 75% of the total hydrocarbons. The water content in the dried propylene was found to remain between 1.5 and 3 wt. %, which corresponds to a dew point at atmospheric pressure of -64 to -67°C. Stepwise desorption experiments showed that about 80% of the water can be desorbed at 165°C; after this, for every 100-degree rise in temperature, another 10% of the water is removed. This indicates that the temperature can be lowered to 150 - 200°C at the exit from the adsorber. It is concluded that by drying liquid propylene under dynamic conditions, practically the same results can be obtained as by drying gaseous propylene. Technician N. Ya. Samoylova participated in the work. Orig. art. has: 2 figures and 2 tables.

SUB CODE: 01 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 005

UDC: 543.544:665.592

Card 1/1 HU

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B

VLASENKO, V.M.; YUZEOFICH, G.Ye.; RUSOV, M.T.

Kinetics of carbon monoxide hydrogenation on a nickel catalyst.
Kin. i kat. 6 no.4:698-694 Jl-Ag '65. (MIRA 13:9)

1. Institut fizicheskoy khimii imeni Pisarzhevskogo AN UkrSSR.

YUZHOVICH, YE. F.

CHEFRANOV, S.V., sostavitel'; YUZHNOVICH, Ye.F., sostavitel'; RAJSH, V.A., sostavitel'; SMIRNOVA, N.P., redaktor; SEMAROVA, E.V., tekhnicheskiy redaktor.

[Selective readings on physical geography; manual for teachers in secondary schools] Klyuchevskaya po fizicheskoi geografii; posobie uchitelei srednii shkoly. Sostavili: S.V. Chefranov, Ye.F. Yuzhnovich, V.A. Raush. Izd. 4., perer. Moscow, Gos. uchbenno-pedagog. izd-vo, 1954. 342 p.

(Physical geography)

YUZEFOVICH, Ye.F.

LEVITSKIY, A.

"Reader in physical geography." - S.V.Chefranov, E.F. Yuzefovich,
V.A.Raush. Reviewed by A. Levitskii. Geog. v shkole 13 no.2:73
(MLR 8:7)
Mr-Ap '55. (Yuzefovich, Ye.F.) (Chefranov, S.V.) (Physical Geography)

YUZEFOVICH, YE.F.

YEFIMOVA, Aleksandra Afanas'yevna; KORINSKAYA, Valentina Aleksandrovna;
GAIKH, P.D., red.; YUZEPOVICH, Ye.F., red.; LAUR, V.G., tskhm.
red.

[Methods of teaching physical geography of the continents; grade 6]
Metodika prepodavaniia fizicheskoi geografii chastei sveta; VI klass.
Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1957. 242 p. (MERA 11:5)
(Physical geography--Study and teaching)

YU2 EFO VICH YE. F.
CHEFRANOV, S.V. YUZETOKICH, V.N., RAUSH, V.A.; SMIRNOVA, N.P., red.;
SAKHAROV, N.V., tekhn.red.

[Readings in physical geography; a manual for teachers] Krestomatija
po fizicheskoi geografii; posobie dlja uchitelei. Izd. 5-ee. Moskva.
Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1957. 398 p.
(Physical geography)

RAUSH, Vera Aleksandrovna; YUZEFOVICH, Yevgeniya Filippovna;
RODIONOVA, F.A., red.; SHIBANOVA, A.A., red.; KARPOVA, T.V.,
tekhn. red.

[Reader on physical geography; textbook for teachers] Khr-
atomiia po fizicheskoi geografii; posobie dlja uchitelej.
Moskva, Uchpedgiz, 1961. 334 p. (MIRA 15:7)
(Physical geography)

SHESTERIKOVA, T. P.; YUZEFOVICH, YE. I.; CHERNYUK, V. P.

Cerebrospinal Fluid

Biochemical changes of the cerebrospinal fluid in tuberculous meningitis treated with streptomycin. Probl. tub. no. 2 (1952)

9. Monthly List of Russian Accessions, Library of Congress, August 1952 1952, Unclassified.

YUZEFOVICH, YE. K.

SHESTERIKOVA, T. P; YUZEFOVICH, Ye. K; CHERNYUK, V. P.

Biochemical changes of the cerebrospinal fluid in tuberculous meningitis treated with streptomycin. Probl. tuberk. Moskva no.2:42-48 Mar-Apr 1952. (CLML 22:2)

1. Of the Department of Biochemistry (Head -- Prof. D. A. Tsuverkalov) and Clinic for Children's Diseases (Head -- Prof. A. I. Skrotskiy), Odessa Medical Institute.

TIKHONCHUK, L.N.; YUZEFOVICH, Ye.K.

Changes in the polysaccharides of the blood serum in rheumatic children depending upon the method of treatment. Vop. revn., 2 no. 3:61-65 Jl-8 '62. (MIRA 16:2)

1. Iz kafedry pediatrii pediatriceskogo fakul'teta (zav. - doktor med.nauk prof. V.I. Zuzanova) i kafedry detskikh bolezney lechebnogo fakul'teta (zav. - doktor med.nauk prof. V.P. Chernyuk) Odesskogo gosudarstvennogo meditsinskogo instituta. (RHEUMATIC FEVER) (POLYSACCHARIDES).

YUZEOFICH, Ye.K.; CHERNYUK, V.P.

Amount of bisulfite binding substances in the cerebrospinal fluid in tuberculous meningitis treated with streptomycin.
Probl.tub. no.1:47-51 Ja-F '54. (MLRA 7:3)

1. Iz kafedry biokhimii (zaveduyushchiy - professor L.A. TSverkalov) i kafedry detskikh bolezney (zaveduyushchiy - professor A.I. Skrotskiy) Odesskogo meditsinskogo instituta (direktor A.N. Motnenko).

(Tuberculosis) (Meningitis) (Streptomycin) (Cerebrospinal fluid)

SAFRONOVA, O.N.; YUZEMOVICH, Ye.K.; FROLOVA, V.V.

Some biochemical studies of the urine in bronchial asthma in children.
Vop. okh. mat. i det. 6 no.7:33-37 Jl '61. (MIRA 14:8)

1. Iz kafedry detskikh bolezney (zav. - doktor meditsinskikh nauk
V.P.Chernyuk) lechebnogo fakul'tata Odesskogo meditsinskogo instituta
imeni N.I.Pirogova (dir. - zasluzhennyy deyatel' nauki prof. I.Ya.
Deyneka).

(ASTHMA) (URINE—ANALYSIS AND PATHOLOGY)

LERER, G.M.; YUZEOFICH, Ye.K.

Significance of transaminase activity in blood serum for
the differential diagnosis of parenchymatous and obstruct-
ive jaundice. Vrach. dobo no.2:37-40 P '62. (MIRA 15:3)

1. Gospital'naya khirurgicheskaya klinika (zav. - prof. K.G.
Tagibekov) lechebnogo fakul'teta i detskaya klinika (zav. -
prof. V.P. Chernyuk) Odesskogo meditsinskogo instituta.
(TRANSAMINASE) (BLOOD)
(JAUNDICE)

YUZEOFICH, Ya. K., MAKARENKO, N. N.

Study of the activity of aminopherases in the blood serum in
some infectious diseases in children. *Pediatriia* no.6:52-'56
'62. (MIRA 15:6)

1. Iz kafedry detskikh bolezney lechebnoogo fakul'teta (zav. -
prof. V. P. Chernyuk) i kafedry infektsionnykh bolezney detskogo
vozrasta (zav. - dotsent N. G. Stepina) Odesskogo meditsinskogo
instituta imeni N. I. Pirogova (dir. - zasluzhennyy deyatel'
nauki UkrSSR prof. I. Ya. Deyneka)

(TRANSAMINASES) (COMMUNICABLE DISEASES)

CHERNYUK, V.P.; YUZEOFICH, Ye.K.

Serum transaminase activity in children with rheumatic fever.
Vop. okh. mat. i det. 7 no. 8:37-41 Ag '62. (MIR 15:9)

1. Iz kliniki detskikh bolezney (zav. - doktor med. nauk V.P. Chernyuk) lechebnoogo fakul'teta Odesskogo meditsinskogo instituta imeni N.I. Pirogova (dir. - zasluzhennyy deyatel' nauki prof. I.Ya. Deyneka).

(TRANSAMINASES) (RHEUMATIC FEVER)

YEDVARNIK, Yu.A.; YUZEOFVSKIY, Ya.G.

Practices in mastering the operation of the UGK installations for automatic gas analysis at the Belgorod and Novo-Zdolbunov cement plants. Trudy IOZhGiprotsementa no.5:62-85 '63.

(MIRA 17:12)

~~TORGOVITSKAYA, M.S.; BORISOVSKAYA, B.L.; FAL'KOVA, I.I.; YUZEPOL'SKAYA, A.I.~~

Salmonellal diseases in Zaporosh'ye. Zbir. mikrobiol. epifl. i
imun. 30 no.5:135 Ky '59. (MIRA 12:9)

1. Iz Zaporoshakoy oblastnoy sanitarno-epidemiologicheskoy
stantsii.

(SALMOHELIA INFECTIONS, epidemiol.
in Russia (Rus))

BORKHARDT, V.S.; VASIL'YEV, I.V.; KOZLOVSKAYA, N.V.; MARKOVSKAYA, L.A.;
MINYAYEV, N.A.; MURAV'Yeva, O.A.; SERGIYEVSKAYA, Ye.V.; SOKOLOV-
SKAYA, A.P.; FLOROVSKAYA, Ye.V.; SHISHKIN, B.I., prof.; YUZEPCHEK, S.V., prof.
[deceased]; KARPOVA, L.A., red.; ZHUKOVA, Ye.G., tekim. red.

[Flora of Leningrad Province] Flora Leningradskoi oblasti. Otv.
red. B.K. Shishkin. Leningrad, No.3. 1961. 266 p. (MIRA 14:10)

1. Leningrad. Universitet. 2. Chlen-korrespondent AN SSSR (Shishkin).
3. Kafedra botaniki Leningradskogo Ordona Lenina gosudarstvennogo uni-
versiteta im. A.A. Zhdanova (for Sergiyevskaya, Yuzepchuk).
(Leningrad Province—Dicotyledons)

BOBROV, Ye.G., doktor biolog.nauk, prof.; BOCHANTSEV, V.P.;
IL'IN, M.M.; LINCHEVSKIY, I.A.; LIPSHITS, S.Yu.;
SERGIYEVSKAYA, Ye.V.; CHERNEVA, O.V.; CHEREPANOV, S.N.;
YUZEPCHUK, S.V.; SHISHKIN, B.K. red.toma; SMIRNOVA, A.V., tekhn.red.

*/Flora of the U.S.S.R./ Flora SSSR. Moskva, Izd-vo.
Akad.nauk SSSR, 1962. 757 p. (Flora SSSR, vol.27). (MIRA 15:11)*

1. Chlen-korrespondent AN SSSR (for Shishkin).
(DICOTYLEDONS)

YUZEPCHUK, S.V.

Principles of the taxonomy of cultivated plants. Bot. zhur.
47 no.6:773-786 Je '62. (MIRA 15:7)

1. Botanicheskiy institut imeni V.L. Komarova AN SSSR, Leningrad.
(Plants, Cultivated) (Botany—Classification)

L 10223-66 EWT(1)/EWA(h) CW

ACC NR: AP5028496

SOURCE CODE: UR/0286/65/000/020/0012/0073

AUTHORS: Charkaaskiy, N. V.; Yuzevich, Yu. V.

ORG: none

TITLE: A device for processing magnetic seismograms by the method of spatially directed reception. Glass 42, No. 175676 [announced by L'vov Polytechnic Institute (Lvovskiy politekhnicheskiy institut)]

SOURCE: Byulleten' isobreteniij i tovarnykh znakov, no. 20, 1965, 72-3

TOPIC TAGS: data processing, seismograph, electric motor, adder, electronic amplifier, data recording

ABSTRACT: This Author Certificate presents a device for processing magnetic seismograms by the method of spatially directed reception. It contains an adder, an amplifier, a recorder, a drum for total-track recording, a reducing gear, and a motor (see Fig. 1). To increase the efficiency of processing seismograms and to simplify the design, the reproducing device is made in the form of a single-track drum with magnetic heads and mechanical dividers arranged successively at equal distances, allowing the distance between the magnetic heads to be increased

Card 1/2

UDC: 550.340.8

L 10223-66
ACC NR: AP5026496

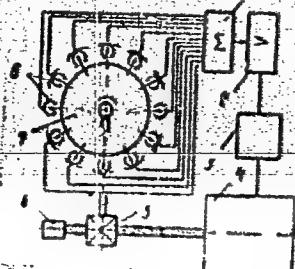
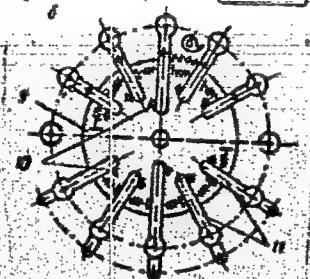


Fig. 1. 1 - Summator;
2 - amplifier; 3 - recording
device; 4 - drum for recording
total-track recording;
5 - reducing gear; 6 - motor;
7 - disk of single-track drum;
8 - magnetic heads; 9 - disk;
10 - bearings; 11 - levers.



linearly. The mechanical divider for moving the heads consists of a disk with supports and levers. Orig. art. has: 1 figure.

SUB CODE: 09/

SUBM DATE: 24Jul64

Card 2/2

L 10795-67 EWT(1) GW
ACC NR: AP7003511

SOURCE CODE: UR/0413/66/000/012/0090/0090

23

INVENTOR: Raykher, L. D.; Rapoport, M. B.; Cherkasskiy, N. V.; Chervonskiy, M. I.;
Yuzevich, Yu. V.

ORG: none

TITLE: Method for constructing temporal seismic cross sections. Class 42,
no. 182901 [Announced by Ukraine Scientific Research Geological Prospecting Institute]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 12, 1966, 90

TOPIC TAGS: seismic wave, geophysics

ABSTRACT: Author's certificate no. 182901, dated 10 April 1965, has been issued to
L. D. Raykher, M. B. Rapoport, N. V. Cherkasskiy, M. I. Chervonskiy and
Yu. V. Yuzevich of the Ukrainian Scientific Geological Prospecting Institute
for a method described as follows: "A method for constructing temporal
seismic cross sections, using a single-track multichannel magnetic record.
It differs in that for the purpose of increasing the quality of the repro-
duced material and speeding up the processing rate the rotating drum is ex-
posed along its generatrix to seismic signals which are displayed on the
screen of a cathode-ray tube; scanning begins in response to appearance of
the time mark of a shot; transition from trace to trace is accomplished by
rotation of the photo drum. [JPRS: 37,397]"

SUB CODE: 08 / SUBM DATE: 10Apr65

Card 1/14P

UDC: 550.634

007/0050

SHVETS, K.V.; YUZHNEVA, M.S.

Use of massage and exercise in nurseries for children in the
first year of life. Kas.med.shur. 41 no.1:85-86 Jan-F '60.

1. Iz doma rebenka No.3 Kazanskogo gosudarstvennogo
K.V. Shvets) i kafedry pediatrii No.1 (nav. - dotsent R.M.
Mamish) Kazanskogo gosudarstvennogo instituta dlya usovremenisti-
vovaniya vrachey iw. V.I. Lenina.
(INFANTS-CARE AND HYGIENE)
(EXERCISE THERAPY)

YUZHNEVA, M.S. (Kazan*)

Blood proteins in rachitis. *Kaz. med. zhnr.* 4:63 Jl-Ag'63
(MIRA 1712)

YUZHAKOV, A., inzh.

Fire communications in industrial enterprises. Poch. delo 4
no. 8:18-19 Ag '58. (MIRA 11:9)
(Factories--Fires and fire prevention)

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М4-2 electric megaphone. Poch.delo 5 no.11:25 N '59.

(MIRA 13:4)

(Speaking trumpet) (Fire departments--Equipment and supplies)

YUZHAKOV, A. N.

Device for Alarm Signaling Over a Telephone Communications Line.
Patent, Class 21a³, 4920. No 103427; Elektrosvyaz' No. 1, Jan 57.

YUZHAKOV, A.N.

SUBJECT: USSR/Fire Alarms

25-6-26/46

AUTHOR: Yuzhakov, A.N.

TITLE: Automatic Fire Alarms (Avtomaticheskiye signaly o pozhare)

PERIODICAL: Nauka i Zhizn' - June 1957, #6, p 50 (USSR)

ABSTRACT: Fire alarm systems used in factories and mills are expensive and of no use when not set in motion by breaking the glass and pushing the button. A new way of transmitting fire alarms automatically consists in using the telephone line with the switchboard as receiving station. Automatic fire alarms connected by electromagnetic relay with the nearest telephone, are set up in the rooms to be guarded. In case of fire, the rising temperature in the room sets the alarm in motion by sending signals to the switchboard, which the telephone operator will transmit to the fire station. Experiments have proved that the system is cheap and does not interfere with normal telephone operations.

ASSOCIATION:

PRESENTED BY:

SUBMITTED:

AVAILABLE: At the Library of Congress.

Card 1/1

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Use of telephone lines for transmitting alarm signals. *Avtom., telem. i svias'* 6 no.10:34-36 0 '62. (MIRA 16:5)
(Railroads—Signaling)
(Railroads—Communication systems)

ACCESSION NR: AR4039831

8/0044/64/000/001/B046/B046

AUTHOR: Yuzhakov, A. F.

TITLE: Computing the integral of a function of two complex variables along a closed two-dimensional contour (case of a linear manifold of singularities).

SOURCE: Ref. zh. Matematika, Abs. 4B184

TOPIC TAGS: complex variable, function, closed two dimensional contour, integral computation, multi dimensional residue theory

TRANS: H. Poincare's theory of multi-dimensional residues and Martinelli's extension are used to compute the integral

$$\iint_S \frac{f(w,z)}{P(w,z)} dw dz \quad \text{in } \mathbb{C}^2,$$

where S is a two-dimensional cycle in \mathbb{R}^4 , $f(w,z)$ a function (complex) analytic in some region containing S , and $P(w,z)$ is a polynomial factorable into linear factors. An algorithm for the computation of such an integral is given. S. Gindkin.

SUB CODE: IMA

DATE ACQ: 15May84

ENCL: 00

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YUZHAKOV, A.P.

Some cases of calculating the residues of functions of two complex variables by Laurent-series expansion. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 15 no.4:13-24 '62. (MIRA 15:8)

1. Ural'skiy gosudarstvenny universitet imeni A.M.Gor'kogo.
(Functions of complex variables) (Series)

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YUZHAKOV, G.K.

Total attention is focused on production problems. Vesti, sviazi 24 no.8:29-30 Ag '64. (MIRA 17:10)

1. Predsedatel' gruppy sodeystviya partiyno-gosudarstvennomu kontrolyu Sverdlovskoy gorodskoy telefonnoy seti.

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Increasing the resistance to wear of the times of mixing rotors
for roadwork. Makh. stroi. 20 no.6:15-16 Je '63. (MIRA 16,5)
(Road machinery—Maintenance and repair)